

1964

PLYMOUTH PORT HEALTH AUTHORITY

REPORT OF THE PORT MEDICAL OFFICER

DR. T. PEIRSON



GENERAL

This report is in the form and sequence prescribed for Annual Reports of Medical Officers of Port Health Authorities by the Ministry of Health, Form Port 20, dated October, 1952.

A detailed report was made in 1960 and where there has been no change in arrangements in 1964 this is indicated under the appropriate section.

SECTION I - STAFF

No change.

SECTION II

Amount of shipping entering the district during the year.

TABLE B

Ships from	Number	Tonnage	No. inspected		Number of ships reporting as having or having had during the voyage, infectious diseases on board.
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports	642	465,673	19	556	NONE
Coastwise	1,297	854,654	4	936	NONE
Totals	1,939	1,320,327	23	1,492	NONE

There was a decrease of 127 ships and tonnage of 442,299 entering the port compared with 1963.

SECTION III

CHARACTER OF SHIPPING AND TRADE DURING THE YEAR

TABLE C

PASSENGER TRAFFIC

No. of Passengers inwards	-	2,355
No. of Passengers outwards	-	2,527

The total number of passengers remaining on board passenger carrying vessels entering the Port of Plymouth (exclusive of the figure shown above) was 16.

There was a decrease of 3,447 passengers inwards and 1,608 outwards during 1964. The reduction in passenger traffic and of tonnage entering the port compared with 1963 is due to the cessation of regular calls by passenger-carrying vessels following the withdrawal of the British Railways passenger tender in October, 1963.

PORT HEALTH

CARGO TRAFFIC

PRINCIPAL IMPORTS

FOREIGN

Preserved meat and cheese from Holland.
Fresh fruit and vegetables from Holland and France.
Timber from Canada, Sweden, Poland, Russia and Finland.
Grain from Canada, Holland, France and Roumania.
Fuel oil from West Indies.
Agricultural machinery and paper pulp from Sweden.
Fertilizers from Antwerp, Rotterdam and Wismar.
Matches, wines and spirits from Holland and Sweden.
Tinned milk from Holland.
Peanuts from West Africa.
Grapes from Cyprus.
Potatoes from Spain.
Asphalt from West Indies.

COASTAL

Coal from South Wales and north east ports.
Petrol, oil and paraffin from Fawley, Hamble and Swansea.
Fertilizers from London and Immingham.
Cement from London.
Potatoes from Northern Ireland.
Cooking fats, tinned fruit and vegetables, confectionery, sugar, nuts and molasses from Liverpool.
Grain from Isle of White.
Sand from Southampton.

PRINCIPAL EXPORTS

China clay.
Granite chippings.
Scrap metals.
Stores for Germany.
Fertilizers.
Broken glass.

PRINCIPAL PORTS FROM WHICH SHIPS ARRIVE

ASIA & AUSTRALASIA	EUROPE	AMERICA	AFRICA
Singapore Aden Abadan	Morlaix Gibraltar Rouen Antwerp Caen Rotterdam Brest Hamburg Malta Le Havre Gothenburg Bremen Nantes Ymuiden Ghent Azores Cherbourg St. Malo Gdansk Dunkirk Wismar Kaliningrad Amsterdam Le Treguier Leningrad Lisbon Vigo Calais	Curacao New Brunswick Rio de Janeiro Trinidad Baltimore Havana British Columbia New York Brazil Vancouver	Sfax Casablanca

SECTION IV

INLAND BARGE TRAFFIC

There is no inland barge traffic at the Port.

SECTION V

WATER SUPPLY

No change.

SECTION VI

Public Health (Ships) Regulations, 1952.

No change.

SECTION VII

SMALLPOX

(1) Isolation Hospitals Available.

The first case or cases would be admitted to the Smallpox Hospital, Liskeard, Cornwall (Telephone: Liskeard 2385) staffed from the Scott Isolation Hospital, Beacon Park Road, Plymouth (Telephone: Plymouth 51437); Physician Superintendent: - Dr. D. F. Johnstone.

Should it appear likely that more extensive accommodation would be required, arrangements would be made for Lee Mill Smallpox Hospital, at present used for geriatric cases, to be re-opened as a Smallpox Hospital.

(2) Arrangements for the transport of cases to hospital.

The launch "Argus" of the Plymouth Port Health Authority based at Millbay Docks, Plymouth (Telephone: Plymouth 68000, Ext. 2229 by day and Plymouth 68000, Ext. 2129 at night and weekends) is available to transport cases from ship to shore. The launch is equipped with a radio transmitter and receiver linked to the Plymouth Ambulance Headquarters.

Ambulances of the Plymouth City Council's Ambulance Service (Telephone: Plymouth 64401) are available to transport cases to hospital.

(3) Smallpox Consultants:

Dr. W. H. St. John-Brooks,
West Cornwall Hospital,
Penzance, Cornwall.

Office Telephone: Penzance 2382
Home Telephone: Cockwells 356

Dr. J. Macrae,
Ham Green Isolation Hospital,
Ham Green, Bristol.

Office Telephone: Bristol 31165

(4) Facilities for the Laboratory Diagnosis of Smallpox.

Materials for the collection of specimens from suspected cases are always available at the Port Health Office, Plymouth.

Specimens are forwarded to the Virus Reference Laboratory, Central Public Health Laboratory, Colindale Avenue, London, N.W.9.

SECTION VIII

VENEREAL DISEASES

Location of facilities for the diagnosis and treatment of venereal disease and days and hours of attendance:

No change.

During the year 72 British and 25 Foreign seamen (total 97 compared with 106 in 1963) were treated at the Venereal Disease Clinic.

The nationalities were as follows: -

American	1
British	72
Danish	1
Dutch	3
German	8
Ghanaian	1
Maltese	4
Pakistan	1
Spanish	5
Swedish	1
Total:	97

(1) Section 1000 of the Code

The first part of the Code is devoted to the general principles of the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The second part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

(2) Section 1001 of the Code

The third part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The fourth part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

(3) Section 1002 of the Code

The fifth part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The sixth part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The seventh part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The eighth part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

(4) Section 1003 of the Code

The ninth part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The tenth part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The eleventh part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The twelfth part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The thirteenth part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The fourteenth part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

The fifteenth part of the Code is devoted to the law of the State. It contains the provisions of the Constitution and the laws of the State, and the provisions of the Code of the State.

CITY OF PLYMOUTH

PORT HEALTH AUTHORITY

Section IX - Cases of Notifiable and other Infectious Diseases on Ships - 1964

TABLE - D.

Category	Disease	No. of cases during the year		No of ships concerned.
		Passengers	Crew	
Cases landed from ships from foreign ports.	None	Nil	Nil	Nil
Cases which have occurred on ships from foreign ports but have been disposed of before arrival.	None	Nil	Nil	Nil
Cases landed from other ships	None	Nil	Nil	Nil

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SECTION X

Observations on the occurrence of Malaria in Ships.

There were no cases of malaria brought to notice in ships arriving at Plymouth during the year.

SECTION XI

Measures taken against ships infected with or suspected for plague.

No plague infected or suspected ships entered the Port during the year.

SECTION XII

Measures against rodents in ships from foreign ports.

(1) All ships arriving at the various wharves from foreign ports are boarded by the Port Health Inspector or Rodent Operator. Enquiries are made of officers and crews and searches are carried out for evidence of rat infestation. Dock-sides, wharves and warehouses in dock areas are under constant surveillance for evidence of rodent infestation and Foreman Stevedores are also questioned as to the presence of rats. Where evidence is found immediate treatment is initiated by the Rodent Operator.

(2) All rats caught are destroyed and some specimens found are submitted to the Public Health Laboratory, South Devon and East Cornwall Hospital, Greenbank, Plymouth.

(3) If found necessary, deratting of ships is carried out by fumigation of ships with hydrocyanic acid gas. These fumigations are carried out by private firms under the supervision of the Port Health Authority.

The names of Commercial Contractors who have carried out the fumigation of vessels at this Port are:-

1. Fumigation Services Ltd., Barking, Essex.
2. London Fumigation Co., London, E.C.3.

Small infestations are dealt with by the Port Health Authority's Rodent Operator using "Warfarin".

Observations confirm that rat-proofing principles are adopted in the construction of all modern vessels inspected.

TABLE E.

Rodents destroyed during the year in ships from foreign ports - NIL.

Rodents destroyed in docks, quays, wharves and warehouses:-

<u>Category</u>	<u>Number</u>
Black rats	Nil
Brown rats	25
Sent for examination	2
Infected with Plague	Nil

No. of rats presumed killed, based on the amount of poison bait consumed: 284

No. of mice presumed killed: 146.

ARTICLE

OF THE CONSTITUTION OF THE UNITED STATES

That the United States shall be a Republic, and the Executive, Legislative, and Judicial Powers shall be separated and balanced.

ARTICLE

OF THE EXECUTIVE POWER

The Executive Power shall be vested in the President of the United States.

Section 1

ARTICLE

OF THE JUDICIAL POWER

The Judicial Power shall be vested in one Supreme Court, and in such inferior Courts as the Congress may from time to time ordain and establish. The Judges, both of the Supreme and inferior Courts, shall hold their Offices during good Behaviour, and shall, at any time during their Continuance in Office, be impeached and removed from Office by a two-thirds Majority of both Houses of Congress.

The President shall have the Power to grant Reprieves and Pardons for all Crimes and Offences, except in Cases of Impeachment.

The President shall have the Power to fill up all Vacancies in the Office of Justice, by Appointment and Consent of the Senate.

The President shall have the Power to make and receive Ambassadors and other public Ministers.

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Section 2

Section 3

Section 4

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Section 6

Section 7

Section 8

Section 9

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CITY OF PLYMOUTH.

FORT HEALTH AUTHORITY

Number of Deratting Certificates and Deratting Exemption Certificates issued during the year ending 31st December, 1964, for ships from foreign ports.

TABIE F.

Number of Deratting Certificates issued		Number of Deratting Exemption Certificates issued		Total Certificates issued
After fumigation with	After trapping	After poisoning	Total	
NON	Other fumigant			
1.	2.	4.	5.	7.
-	-	-	-	36

PREVENTION OF DAMAGE BY PESTS ACT, 1949,
(APPLICATION TO SHIPPING) ORDER, 1951.

No Rodent Control Certificates were issued to coastal vessels during the year.

All vessels entering the Port carried a Deratting Exemption Certificate.

SECTION XIII

INSPECTION OF SHIPS FOR NUISANCES

TABLE G.

INSPECTIONS AND NOTICES

Nature and No. of inspections	Notices Served		Result of serving notices complied with
	Statutory Notices	Other Notices	
1,492	-	1	1

SECTION XIV

PUBLIC HEALTH (SHELL-FISH) REGULATIONS, 1934-1948.

No change.

SECTION XV

MEDICAL INSPECTION OF ALIENS

(1), (2) and (3) no change.

(4) During the year, the number of incoming aliens was - 852
The number of outgoing aliens was - 858

(5) No change.

REPORTS AND CERTIFICATES IN RESPECT OF
ALIENS MEDICALLY EXAMINED.

No occasion arose to issue a formal certificate in respect of aliens medically examined.

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COMMONWEALTH IMMIGRANTS ACT, 1962

MEDICAL EXAMINATION OF COMMONWEALTH IMMIGRANTS.

- (1) No change in staff.
- (2) Total number of arriving Commonwealth citizens subject to control under the Act - 21.
- (3) Total number of Commonwealth citizens medically examined - NONE.

REPORTS AND CERTIFICATES FOR COMMONWEALTH CITIZENS
MEDICALLY EXAMINED.

No certificates in respect of Commonwealth citizens medically examined were issued.

- (4) Total number of Commonwealth citizens embarked - 57.

SECTION XVI

MISCELLANEOUS

Arrangements for the burial on shore of persons who have died on board ship from infectious disease.

No change.

FOOD INSPECTION

During the year 272 vessels were dealt with under the Public Health (Imported Food) Regulations, 1937 and 1948.

There were 241 from foreign ports and 61 coastwise.

The total amount of foodstuffs voluntarily surrendered and condemned as unsound, unwholesome and unfit for human consumption consisted of:-
(see list over).

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY

1. The first part of the experiment is to determine the rate of reaction between hydrogen peroxide and potassium iodide in the presence of a catalyst. The reaction is as follows:
- $$2H_2O_2 \rightarrow 2H_2O + O_2$$
2. The second part of the experiment is to determine the effect of temperature on the rate of reaction. The reaction is as follows:
- $$H_2O_2 \rightarrow H_2O + \frac{1}{2}O_2$$

EXPERIMENTAL PROCEDURE

The first part of the experiment is to determine the rate of reaction between hydrogen peroxide and potassium iodide in the presence of a catalyst. The reaction is as follows:

$$2H_2O_2 \rightarrow 2H_2O + O_2$$

The second part of the experiment is to determine the effect of temperature on the rate of reaction. The reaction is as follows:

$$H_2O_2 \rightarrow H_2O + \frac{1}{2}O_2$$

CONDEMNED FOOD.

							Tons.	Cwts.	Qtrs.	Lbs.	Ozs.
Tinned fruit and fruit juices, various							-	17	3	14	3
Tinned vegetables, mixed	..	..	..				-	4	2	16	4
Carrots	..	..	..	..	..	..	1	1	2	-	-
Yellow corn	..	..	..	..	..	..	1	10	-	-	-
Chestnuts	..	..	..	..	..	..	-	4	1	8	-
Tomatoes	..	..	..	..	..	..	-	2	2	20	-
Pineapples	..	..	..	..	..	..	-	6	-	18	-
Pears	..	..	..	..	..	..	1	3	3	20	-
Satsumas	..	..	..	..	..	..	-	1	-	1	-
Milk	..	..	..	..	..	..	-	4	1	7	-
Bacon	..	..	..	..	..	..	-	12	-	15	14
Ham	..	..	..	..	..	..	-	3	1	6	-
Lard	..	..	..	..	..	..	-	1	2	2	-
Lunch tongue	..	..	..	..	..	..	-	-	-	24	-
Sausages	..	..	..	..	..	..	-	3	1	21	-
Tongue and ham		..	..	..	..	..	-	1	3	25	8
Brawn	..	..	..	..	..	..	-	1	1	25	8
Bacon fry	..	..	..	..	..	..	-	1	-	12	4
Savoury meat and onions	..	..	..	..	..	..	-	-	1	11	12
Pork and ham	..	..	..	..	..	..	-	-	-	21	12
Pork chops	..	..	..	..	..	..	-	-	-	6	8
Pork	..	..	..	..	..	..	-	-	1	19	6
Liver	..	..	..	..	..	..	-	-	-	26	-
Polonies	..	..	..	..	..	..	-	-	3	12	-
Tinned Exeter meat loaf	..	..	..	..	..	..	-	-	-	12	-
Tinned Nor meat	..	..	..	..	..	..	-	-	-	2	-
Tinned stewed steak	..	..	..	..	..	..	-	-	1	1	-
Tinned salmon	..	..	..	..	..	..	-	-	-	3	12
Tinned pilchards	..	..	..	..	..	..	-	-	-	21	11
Tinned lobster	..	..	..	..	..	..	-	-	-	3	8
Chicken fillets	..	..	..	..	..	..	-	-	-	-	12
TOTAL:							7	4	1	14	10

No action was taken under the following Regulations:-

Public Health (Imported Milk) Regulations, 1926.

Public Health (Preservatives, etc., in Food)
Regulations, 1925 and 1958.

Food Hygiene (Docks, Carriers, etc.,) Regulations, 1960.

One non-statutory notice was served under the Food Hygiene (General) Regulations, 1960; this was complied with.

Three non-statutory notices were served on Masters of Vessels under the Dark Smoke (Permitted Periods) (Vessels) Regulations, 1958. No further action was necessary in each case.

The following specimens were submitted to the Public Health Laboratory, Greenbank, Plymouth for bacteriological examinations:-

Date	Specimen	Source	Examination Required	Result
24.3.64	1 brown rat	Trinity Pier, Millbay Docks.	Bacillus Pestis	No evidence of infection with Plague.
22.4.64	1 brown rat	Site at junction of Union Street/ Western Approach, Plymouth.	Bacillus Pestis	No evidence of infection with Plague.
15.4.64	mussels	Stonehouse Creek	B. coli	No. of B. coli type 1 per ml. - 18. Salmonella - negative. This sample is <u>not</u> satisfactory.

INFECTIOUS DISEASES.

No major infectious disease occurred within the area of the Authority during 1964.

CASES LANDED AT THE PORT.

Twenty cases of non-infectious disease or injury were landed. Admission to hospital was required in eighteen of these cases.

the following table is given for the purpose of comparison

Table showing the results of the experiments

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Table showing the results of the experiments

Time	Temperature °C	Pressure mm Hg	Volume ml	Weight g
10.00	20.0	760	10.0	1.0
10.10	20.5	760	10.0	1.0
10.20	21.0	760	10.0	1.0
10.30	21.5	760	10.0	1.0
10.40	22.0	760	10.0	1.0
10.50	22.5	760	10.0	1.0
11.00	23.0	760	10.0	1.0
11.10	23.5	760	10.0	1.0
11.20	24.0	760	10.0	1.0
11.30	24.5	760	10.0	1.0
11.40	25.0	760	10.0	1.0
11.50	25.5	760	10.0	1.0
12.00	26.0	760	10.0	1.0
12.10	26.5	760	10.0	1.0
12.20	27.0	760	10.0	1.0
12.30	27.5	760	10.0	1.0
12.40	28.0	760	10.0	1.0
12.50	28.5	760	10.0	1.0
13.00	29.0	760	10.0	1.0
13.10	29.5	760	10.0	1.0
13.20	30.0	760	10.0	1.0
13.30	30.5	760	10.0	1.0
13.40	31.0	760	10.0	1.0
13.50	31.5	760	10.0	1.0
14.00	32.0	760	10.0	1.0
14.10	32.5	760	10.0	1.0
14.20	33.0	760	10.0	1.0
14.30	33.5	760	10.0	1.0
14.40	34.0	760	10.0	1.0
14.50	34.5	760	10.0	1.0
15.00	35.0	760	10.0	1.0
15.10	35.5	760	10.0	1.0
15.20	36.0	760	10.0	1.0
15.30	36.5	760	10.0	1.0
15.40	37.0	760	10.0	1.0
15.50	37.5	760	10.0	1.0
16.00	38.0	760	10.0	1.0
16.10	38.5	760	10.0	1.0
16.20	39.0	760	10.0	1.0
16.30	39.5	760	10.0	1.0
16.40	40.0	760	10.0	1.0
16.50	40.5	760	10.0	1.0
17.00	41.0	760	10.0	1.0
17.10	41.5	760	10.0	1.0
17.20	42.0	760	10.0	1.0
17.30	42.5	760	10.0	1.0
17.40	43.0	760	10.0	1.0
17.50	43.5	760	10.0	1.0
18.00	44.0	760	10.0	1.0
18.10	44.5	760	10.0	1.0
18.20	45.0	760	10.0	1.0
18.30	45.5	760	10.0	1.0
18.40	46.0	760	10.0	1.0
18.50	46.5	760	10.0	1.0
19.00	47.0	760	10.0	1.0
19.10	47.5	760	10.0	1.0
19.20	48.0	760	10.0	1.0
19.30	48.5	760	10.0	1.0
19.40	49.0	760	10.0	1.0
19.50	49.5	760	10.0	1.0
20.00	50.0	760	10.0	1.0
20.10	50.5	760	10.0	1.0
20.20	51.0	760	10.0	1.0
20.30	51.5	760	10.0	1.0
20.40	52.0	760	10.0	1.0
20.50	52.5	760	10.0	1.0
21.00	53.0	760	10.0	1.0
21.10	53.5	760	10.0	1.0
21.20	54.0	760	10.0	1.0
21.30	54.5	760	10.0	1.0
21.40	55.0	760	10.0	1.0
21.50	55.5	760	10.0	1.0
22.00	56.0	760	10.0	1.0
22.10	56.5	760	10.0	1.0
22.20	57.0	760	10.0	1.0
22.30	57.5	760	10.0	1.0
22.40	58.0	760	10.0	1.0
22.50	58.5	760	10.0	1.0
23.00	59.0	760	10.0	1.0
23.10	59.5	760	10.0	1.0
23.20	60.0	760	10.0	1.0
23.30	60.5	760	10.0	1.0
23.40	61.0	760	10.0	1.0
23.50	61.5	760	10.0	1.0
24.00	62.0	760	10.0	1.0
24.10	62.5	760	10.0	1.0
24.20	63.0	760	10.0	1.0
24.30	63.5	760	10.0	1.0
24.40	64.0	760	10.0	1.0
24.50	64.5	760	10.0	1.0
25.00	65.0	760	10.0	1.0
25.10	65.5	760	10.0	1.0
25.20	66.0	760	10.0	1.0
25.30	66.5	760	10.0	1.0
25.40	67.0	760	10.0	1.0
25.50	67.5	760	10.0	1.0
26.00	68.0	760	10.0	1.0
26.10	68.5	760	10.0	1.0
26.20	69.0	760	10.0	1.0
26.30	69.5	760	10.0	1.0
26.40	70.0	760	10.0	1.0
26.50	70.5	760	10.0	1.0
27.00	71.0	760	10.0	1.0
27.10	71.5	760	10.0	1.0
27.20	72.0	760	10.0	1.0
27.30	72.5	760	10.0	1.0
27.40	73.0	760	10.0	1.0
27.50	73.5	760	10.0	1.0
28.00	74.0	760	10.0	1.0
28.10	74.5	760	10.0	1.0
28.20	75.0	760	10.0	1.0
28.30	75.5	760	10.0	1.0
28.40	76.0	760	10.0	1.0
28.50	76.5	760	10.0	1.0
29.00	77.0	760	10.0	1.0
29.10	77.5	760	10.0	1.0
29.20	78.0	760	10.0	1.0
29.30	78.5	760	10.0	1.0
29.40	79.0	760	10.0	1.0
29.50	79.5	760	10.0	1.0
30.00	80.0	760	10.0	1.0
30.10	80.5	760	10.0	1.0
30.20	81.0	760	10.0	1.0
30.30	81.5	760	10.0	1.0
30.40	82.0	760	10.0	1.0
30.50	82.5	760	10.0	1.0
31.00	83.0	760	10.0	1.0
31.10	83.5	760	10.0	1.0
31.20	84.0	760	10.0	1.0
31.30	84.5	760	10.0	1.0
31.40	85.0	760	10.0	1.0
31.50	85.5	760	10.0	1.0
32.00	86.0	760	10.0	1.0
32.10	86.5	760	10.0	1.0
32.20	87.0	760	10.0	1.0
32.30	87.5	760	10.0	1.0
32.40	88.0	760	10.0	1.0
32.50	88.5	760	10.0	1.0
33.00	89.0	760	10.0	1.0
33.10	89.5	760	10.0	1.0
33.20	90.0	760	10.0	1.0
33.30	90.5	760	10.0	1.0
33.40	91.0	760	10.0	1.0
33.50	91.5	760	10.0	1.0
34.00	92.0	760	10.0	1.0
34.10	92.5	760	10.0	1.0
34.20	93.0	760	10.0	1.0
34.30	93.5	760	10.0	1.0
34.40	94.0	760	10.0	1.0
34.50	94.5	760	10.0	1.0
35.00	95.0	760	10.0	1.0
35.10	95.5	760	10.0	1.0
35.20	96.0	760	10.0	1.0
35.30	96.5	760	10.0	1.0
35.40	97.0	760	10.0	1.0
35.50	97.5	760	10.0	1.0
36.00	98.0	760	10.0	1.0
36.10	98.5	760	10.0	1.0
36.20	99.0	760	10.0	1.0
36.30	99.5	760	10.0	1.0
36.40	100.0	760	10.0	1.0
36.50	100.5	760	10.0	1.0
37.00	101.0	760	10.0	1.0
37.10	101.5	760	10.0	1.0
37.20	102.0	760	10.0	1.0
37.30	102.5	760	10.0	1.0
37.40	103.0	760	10.0	1.0
37.50	103.5	760	10.0	1.0
38.00	104.0	760	10.0	1.0
38.10	104.5	760	10.0	1.0
38.20	105.0	760	10.0	1.0
38.30	105.5	760	10.0	1.0
38.40	106.0	760	10.0	1.0
38.50	106.5	760	10.0	1.0
39.00	107.0	760	10.0	1.0
39.10	107.5	760	10.0	1.0
39.20	108.0	760	10.0	1.0
39.30	108.5	760	10.0	1.0
39.40	109.0	760	10.0	1.0
39.50	109.5	760	10.0	1.0
40.00	110.0	760	10.0	1.0
40.10	110.5	760	10.0	1.0
40.20	111.0	760	10.0	1.0
40.30	111.5	760	10.0	1.0
40.40	112.0	760	10.0	1.0
40.50	112.5	760	10.0	1.0
41.00	113.0	760	10.0	1.0
41.10	113.5	760	10.0	1.0
41.20	114.0	760	10.0	1.0
41.30	114.5	760	10.0	1.0
41.40	115.0	760	10.0	1.0
41.50	115.5	760	10.0	1.0
42.00	116.0	760	10.0	1.0
42.10	116.5	760	10.0	1.0
42.20	117.0	760	10.0	1.0
42.30	117.5	760	10.0	1.0
42.40	118.0	760	10.0	1.0
42.50	118.5	760	10.0	1.0
43.00	119.0	760	10.0	1.0
43.10	119.5	760	10.0	1.0
43.20	120.0	760	10.0	1.0
43.30	120.5	760	10.0	1.0
43.40	121.0	760	10.0	1.0
43.50	121.5	760	10.0	1.0
44.00	122.0	760	10.0	1.0
44.10	122.5	760	10.0	1.0
44.20	123.0	760	10.0	1.0
44.30	123.5	760	10.0	1.0
44.40	124.0	760	10.0	1.0
44.50	124.5	760	10.0	1.0
45.00	125.0	760	10.0	1.0
45.10	125.5	760	10.0	1.0
45.20	126.0	760	10.0	1.0
45.30	126.5	760	10.0	1.0
45.40	127.0	760	10.0	1.0
45.50	127.5	760	10.0	1.0
46.00	128.0	760	10.0	1.0
46.10	128.5	760	10.0	1.0
46.20	129.0	760	10.0	1.0
46.30	129.5	760	10.0	1.0
46.40	130.0	760	10.0	1.0
46.50	130.5	760	10.0	1.0
47.00	131.0	760	10.0	1.0
47.10	131.5	760	10.0	1.0
47.20	132.0	760	10.0	1.0
47.30	132.5	760	10.0	1.0
47.40	133.0	760	10.0	1.0
47.50	133.5	760	10.0	1.0
48.00	134.0	760	10.0	1.0
48.10	134.5	760	10.0	1.0
48.20	135.0	760	10.0	1.0